

**In the Claims:**

**Please rewrite claims 1-8 as follows:**

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1. (Amended) A biochip comprising a large number of spots containing capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

a plurality of said spots, which have different spot sizes, are formed on said base plate.

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2. (Amended) A biochip according to claim 1, wherein said plurality of spots are formed from the same capture solution.

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3. (Amended) A biochip comprising a large number of spots of capture solutions containing a capture material therein arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

a plurality of said spots are formed in which the concentration of the capture material in the capture solution varies from spot to spot.

4. (Amended) A biochip according to claim 3, wherein said plurality of spots are formed from the same capture solution.

5. (Amended) A biochip comprising a large number of spots containing capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

each of said spots has a plurality of types of capture material, and said spots are formed at a same spot formation position.

6. (Amended) A biochip comprising a large number of spots containing capture solutions arranged on a base plate, obtained by supplying, onto said base plate, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

each of said spots has a ratio between a major axis and a minor axis of not less than 0.9 and not more than 1.1.

7. (Amended) A biochip according to claim 6, wherein said spots are arranged at least in a zigzag configuration, and a ratio of an area on said base plate in which said spots are not arranged with respect to an inspection effective area on said base plate in which said spots are arranged is not more than 9 %.

8. (Amended) A biochip according to claim 1, wherein said spots of said sample solution are formed by means of an ink-jet system.

**Please add new claims 9-32 as follows:**

9. (New) A biochip according to claim 2, wherein said spots of said sample solution are formed by means of an ink-jet system.
10. (New) A biochip according to claim 3, wherein said spots of said sample solution are formed by means of an ink-jet system.
11. (New) A biochip according to claim 4, wherein said spots of said sample solution are formed by means of an ink-jet system.
12. (New) A biochip according to claim 5, wherein said spots of said sample solution are formed by means of an ink-jet system.
13. (New) A biochip according to claim 6, wherein said spots of said sample solution are formed by means of an ink-jet system.
14. (New) A biochip according to claim 7, wherein said spots of said sample solution are formed by means of an ink-jet system.
15. (New) A biochip according to claim 1, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

16. (New) A biochip according to claim 2, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

17. (New) A biochip according to claim 3, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

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18. (New) A biochip according to claim 4, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

19. (New) A biochip according to claim 5, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

20. (New) A biochip according to claim 6, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

21. (New) A biochip according to claim 7, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

22. (New) A biochip according to claim 1, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

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23. (New) A biochip according to claim 2, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

24. (New) A biochip according to claim 3, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

25. (New) A biochip according to claim 4, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

26. (New) A biochip according to claim 5, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

27. (New) A biochip according to claim 6, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

28. (New) A biochip according to claim 7, wherein said spots containing said sample solution are formed by a method using an ink-jet system, in which said sample solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

29. (New) A biochip according to claim 5, wherein a first layer spot comprises a ridged peripheral portion and a second layer spot is deposited on said first layer spot inside said ridged peripheral portion.

30. (New) A biochip according to claim 3, wherein said base plate is non-permeable with respect to said capture solution.

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31. (New) A biochip according to claim 5, wherein said base plate is non-permeable with respect to said capture solution.

32. (New) A biochip according to claim 6, wherein said base plate is non-permeable with respect to said capture solution.

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